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**SITE ASSESSMENT
SECTION**

230 WEST MONROE, SUITE 2250
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USEPA
ARCS V
SSI

BVWST Project 70640
BVWST File C.3
October 30, 1991

Mr. Alan Altur
Site Assessment Manager
Illinois Site Inspections
U.S. Environmental Protection Agency
230 South Dearborn Street (5HSM-TUB7)
Chicago, Illinois 60604

Subject: Gem Suburban MHP Public Well #3

Dear Mr. Altur:

The purpose of this letter is to propose No Further Remedial Action Planned (NFRAP) for Well 3 at the Gem Suburban Mobile Home Park in Rockford, Illinois. Well 3 was part of the trailer park's water supply system.

The first analysis for volatile organics in Well 3 water was on November 6, 1985. Trichloroethylene (TCE) was found at a concentration of 24.6 ppb. According to the 1989 IEPA well site survey, TCE ranged from 24 to 48 ppb in five sampling events in 1986-1987. February 21, 1991 sampling data available from IEPA showed no detection of TCE.

A newer, deeper well (#5) is now the only well actively used at Gem Suburban MHP. Wells 3, 2, and 1 are on emergency stand-by status, according to the 1989 survey. (Well 4, the subject of a separate screening site investigation, has been abandoned and plugged.) In a telephone communication between BVWST and Greg White of IEPA, Mr. White stated that well 3 has a pump and is connected, but is on stand-by only. This was also verified in telephone communications with Mike Megurdichian of Gem Suburban MHP and BVWST. Mr. Megurdichian stated that the other wells are to be used only when maintainance is required for well 5. Well 5 was constructed in 1987 and has not yet needed maintainance.

Well 2 showed 13 ppb of TCE in a 1985 analysis. Three other sampling events, from 1988 to 1991, showed no detection. The 1989 well site survey suggests that no TCE has been found in well 1. An included analysis from 1988 showed no detection.

EPA Region 5 Records Ctr.



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Walter Purcell of IEPA Division of Public Water Supplies (Rockford office) said in a telephone communication with BVWST that wells 3, 2, and 1 could be used for short periods of emergency/backup use.

Because well 3 is inactive and showed no detection of TCE in a February 1991 analysis, NFRAP is recommended for this site.

If you have any questions, please call me at 312/346-3775

Very truly yours,

B&V WASTE SCIENCE AND TECHNOLOGY CORP.

William Ives

William Ives
Project Manager

Enclosure

cc: Mr. Raymond D. Johnson, USEPA, w/o attachment
Mr. Carl D. Norman, USEPA, w/o attachment
Mr. Tom Crause, IEPA, w/attachment
Mr. William D. Messenger, USEPA, w/o attachment
Mr. William C. Bruce, BVWST, w/o attachment
Mr. Lawrence G. Magill, BVWST, w/o attachment

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Reference

"Gem Suburban MHP Facility Number 2015495 Well Site Survey Report", by
Division of Public Water Supplies, Illinois Environmental Protection
Agency, December 1989.

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List of Attachments

1. Topographic map with well location.
2. Preliminary HRS scoresheets from 1987 IEPA Preliminary Assessment.
3. Page 1 of this reference.
4. Telephone communication from Greg White of IEPA to BVWST.
5. Two telephone communications from Mike Megurdichian of Gem Suburban MHP to BVWST.
6. Telephone communication from Walter Purcell of IEPA to BVWST.

